#### INTERNATIONAL SEARCH REPORT

International Application No PCT/CA 00/00117

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 C07D295/096 C07D207/24 C07D217/06 CO7D217/04 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7  $\,$  C07D  $\,$  C07C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) CHEM ABS Data, EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category <sup>o</sup> Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No Х WO 96 23894 A (BASF AG) 1 8 August 1996 (1996-08-08) example 4 Χ CHEMICAL ABSTRACTS, vol. 89, no. 15, 1,3,4,20 9 October 1978 (1978-10-09) Columbus, Ohio, US; abstract no. 129113f, ORTH D ET AL: "Cyclopentane-1-amines" page 555; column 1; XP002901044 abstract & DE 2 658 401 A (MERCK PATENT GMBH) Further documents are listed in the continuation of box C Χ Х Patent family members are listed in annex Special categories of cited documents "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the \*A\* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other, such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 8 AUG 2000 26 April 2000 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Hammer Fax: (+31-70) 340-3016

### INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 00/00117

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	In the second
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 129, no. 17, 26 October 1998 (1998-10-26) Columbus, Ohio, US; abstract no. 216472k, CROTTI P ET AL: "Regiochemical control of the ring-opening of epoxides by means of chelating processes. Part 13. Syntheses and ring-opening reactions of the diastereoisomeric cis- and transepoxides derived from 3-(benzyloxy)cyclopentene and 2-(benzyloxy)-2,5-dihydrofuran" page 662; column 2; XP002901045 abstract & EUR.J.ORG.CHEM., no. 8, 1998, pages 1675-1686,	1
X	CHEMICAL ABSTRACTS, vol. 115, no. 5, 5 August 1991 (1991-08-05) Columbus, Ohio, US; abstract no. 50215n, MORISAWA Y ET AL: "Preparation of fluorocarbocyclic nucleosides as antitumor agents" page 904; column 2; XP002901046 abstract & JP 02 270864 A (JPN KOKAI TOKKYO KOHO) 5 November 1990 (1990-11-05)	1,3,4
Α	DE 22 59 260 A (MERCK PATENT GMBH) 6 June 1974 (1974-06-06) formula I	1,3,4
A	WO 94 14435 A (RHONE POULENC RORER PHARMACEUTICALS INC) 7 July 1994 (1994-07-07) examples 4-6	1,3,4
A	DE 35 17 901 A (GLAXO GROUP LTD) 12 December 1985 (1985-12-12)  formula I	1,3,4, 18,20, 22,30

1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

international Application No PCT/CA 00/00117

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9623894	А	08-08-1996	DE 19523151 A CA 2210519 A CN 1172504 A EP 0801683 A JP 10512759 T	08-08-1996 04-02-1998 22-10-1997
JP 02270864	Α	05-11-1990	NONE	
DE 2259260	Α	06-06-1974	NONE	
WO 9414435	A	07-07-1994	US 5451596 A AU 6080694 A CA 2152912 A EP 0676960 A JP 8505847 T	19-07-1994 07-07-1994 18-10-1995
DE 3517901	A	12-12-1985	AU 580777 B AU 4262585 A BE 902450 A CA 1243020 A CH 667646 A DK 218985 A FR 2564464 A GB 2159816 A IL 75230 A IT 1180748 B JP 61027976 A NL 8501429 A NZ 212108 A SE 8502455 A US 4880800 A ZA 8503755 A	21-11-1985 18-11-1985 11-10-1988 31-10-1988 19-11-1985 22-11-1985 ,B

#### **ANHANG**

Zum internationalen Recherchenbericht über die internationale Patentanmeldung Nr

### ANNEX

To the International Search Report to the international Patent Application No

### **ANNEXE**

Au rapport de recherche international relativ à la demande de brevet international n°

## PCT/CA 00/00117 SAE 272302

In diesem Anhang sind die Mitglieder der Palantfamilien der im obengenannten internationalen Recherchenbericht angeführten Patentdokumente angegeben Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report. The European Patent Office is in no way liable for these particulars which are merely

given for the purpose of information

La presente annexe indique les membres de la famille de brevets relatifs aux documents de brevets cités dans le rapport de recherche international visée ci-dessus. Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsibilité de l' Office

Im Recherchenbericht angeführte Patentdokumente Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veroffentlichung Publication date Date de publication  08 · 08 - 1996	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets		Datum der Veröffentlichung Publication date Date de publication	
WO Al 9623894		CA	AA	2.210519	08-08-1996
		€.11	Α	1172504	04-02-1998
		ĐΕ	Α1	195.33151	14-08-1996
		EP	Α1	891683	22-10-1997
		JP	T.?	1/0512759	08-12-1998
DE A1 2259260	06 06-1974			none	
WO A1 6414435	07 07-1994	UA	Αl	60806/94	19-07-1994
		CA	AΑ	.:15.:912	07-07-1994
		EΡ	Αl	676960	18-10-1495
		EP	A4	675950	15-11-1495
		JР	T.?	5505847	25-06-1496
		US	A	<u>-151596</u>	19-09-1495
DE AL 3517901	12-12-1985	UA	Αl	426.15785	21-11-1985
		AU	BH	580777	0.2-0.2-1989
		BE	A1	30.1450	18-11-1985
		CA	Al	1214/3020	11-19-1988
		CH	А	· 67646	34-10-1938
		DF:	A()	. 189,185	1/l = 0.0 + 1.08.5
		DK	А	.:189/85	14-11-1985
		FF:	Al	. 194494	11.7=11-1768.5
		FF.	В1	.:5 54 454	HP=0 '+1 +8 8
		GE.	A()	∺41150#3	17 - 10 - 1984
		GE	A()	5512541	1 1 - 0 - 1 1 + 8 5
		GE	A1	1199816	1.1 - 1.1 - 1.148.5
		GB.	B2.	1119816	24-01-1989
		ΙL	A()	750 0	14-09-1985
		I I. I T	Al	751.0	31-07-1989
		IT	A0	85480H3	17-05-1985
		JP	A A2	1180748 61027976	23-09-1987
		NL.	A.	8501429	07-02-1986
		NZ			16-12-1985
		SE	A A0	212108 8502455	28-10-1988
		SE.	A	8502455	17-05-1985
		US	A	4850800	19-11-1985 14-11-1989
		GE	A0	£412774	27-06-1984
		ZA	A	£503755	28-01-1987